

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG — ELECTRIC LOGS — FILE X WATER SANDS — LOCATION INSPECTED — SUB. REPORT/ABD. —

DATE FILED 12-7-79

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN 14-20-H62-2530

DRILLING APPROVED: 12-19-79

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LOCATION ABANDONED * WELL NEVER DRILLED 5-5-81

FIELD: Undesignated 3/8c Altamont

UNIT:

COUNTY: Duchesne

WELL NO. Tribal 1-26B6

API NO: 43-013-30519

LOCATION 2199'

FT. FROM (N) ~~XX~~ LINE. 519'

FT. FROM (E) ~~XX~~ LINE. SE NE 1/4 - 1/4 SEC. 26

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

2S

6W

26

UTEX OIL COMPANY

Vol
2-9-92

UTEX OIL COMPANY

SUITE 41B
4700 SOUTH 9TH EAST
SALT LAKE CITY, UTAH 84117
PHONE 801 - 262-6869

December 7, 1979

State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Permit to drill
Section 26, T2S, R6W
Duchesne County, Utah

Gentlemen:

Enclosed please find the requisite copy of Federal Form 9-331C with supplemental information and a Multi-Point Surface Use Plan.

You will note that the proposed location is outside of the drilling window and a topographic exception is hereby requested under Order 139-8. The location site has been selected to avoid rugged topography in the area and to minimize surface disturbance.

We trust this application is complete and in proper form to facilitate the rapid approval of a permit for our planned operations. If there are any questions, please contact us at the above address or telephone number.

Thank you.

Sincerely,



D. T. Hansen

Utex Oil Co. presently controls all of the oil and gas leases within a radius of 660 feet of the proposed location, the only exception being that property in section 25 which is controlled by Shell Oil from whom we have recieved approval of the wellsite location. Written approval from Shell oil will fallow shortly.

Robert E. Clutter geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

UTEX OIL COMPANY

3. ADDRESS OF OPERATOR

Suite 41-B, 4700 South 9th East, Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface 2199' FNL, 519' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles northwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 519'
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

13,500

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 6271

22. APPROX. DATE WORK WILL START*

March 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	10 3/4	40.5#	1,500	To circulate
9 7/8	7 5/8	26.4 & 29.7#	10,000	As necessary
6 3/4	5 1/2	17.0#	13,500	As necessary

RECEIVED

APR 28 1980

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Robert C. Ely TITLE Geologist DATE 12/7/79

(This space for Federal or State office use)

PERMIT NO.

(ORIG. SGD.) E. W. GUYNN

APPROVAL DATE
FORE. W. GUYNN
DISTRICT ENGINEER

APPROVED BY

TITLE

DATE

APR 24 1980

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR COPY
*See Instructions On Reverse Side

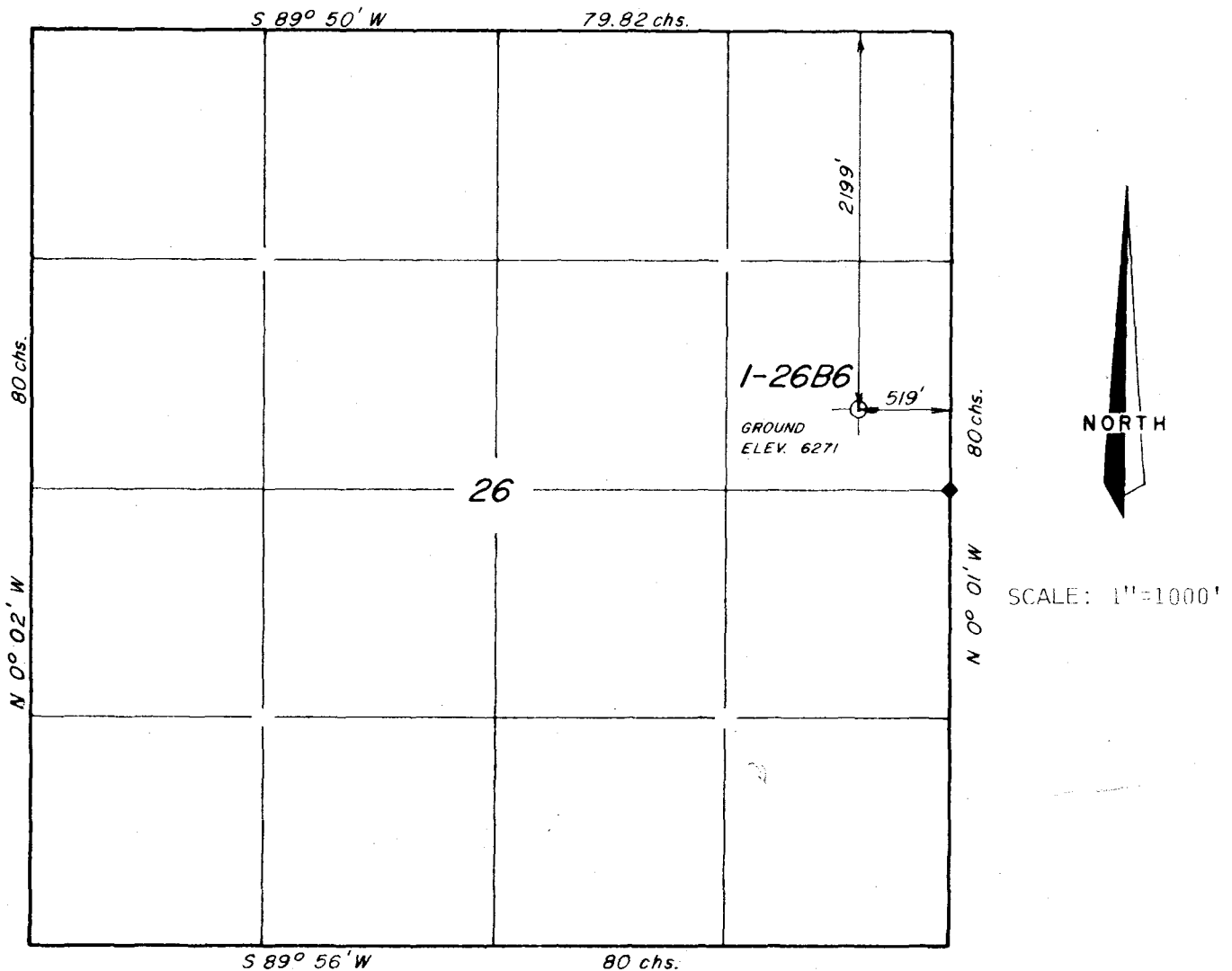
NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Ut. State O&G

UTEX OIL CO.
WELL LOCATION
UTE TRIBAL I-26B6

LOCATED IN THE SE $\frac{1}{4}$ OF THE NE $\frac{1}{4}$ OF
 SEC. 26, T2N, R6W, U.S.B.&M.



LEGEND & NOTES

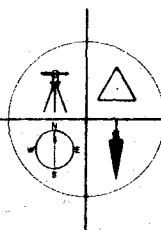
- ◆ ORIGINAL STONE CORNERS FOUND AND USED.

GENERAL LAND OFFICE NOTES AND PLATS AND DATA FILED WITH THE UTAH STATE DEPT. OF NATURAL RESOURCES WERE USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

Jerry D. Allred
 Jerry D. Allred, Registered Land
 Surveyor, Cert. NO. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES
 Surveying & Engineering Consultants

121 North Center Street
 P.O. Drawer C
 DUCHESNE, UTAH 84021
 (801) 738-5352

UTEX OIL COMPANY

Oil Well -- Ute Tribal 1-26B6
Section 26, T2S, R6W, U.S.B.&M.
Duchesne County, Utah

1.) EXISTING ROADS

- A. See accompanying plats and maps.
- B. Drive North 5.9 miles from Duchesne, Utah on State Highway 87. Turn left and drive Westerly 3.8 miles on State Highway 35 to the beginning of an oil field road. Thence Southeasterly and then West 4.1 miles to Shell 1-25B6 and the beginning of the proposed access road.
- C. Go West on proposed access road 0.8 miles to the proposed oil well.
- D. Not applicable.
- E. See accompanying U.S.G.S. map
- F. No maintenance will be required on State Highways 87 and 35. The existing oil field roads are graded as needed with motor-graders by local construction contractors. The access road will be new construction. (See Item 2)

2.) PLANNED ACCESS ROADS (See accompanying U.S.G.S. map)

1. The width of the proposed access road will be 30 feet.
2. The maximum grade will be 6%.
3. The roadway will be of sufficient width to permit two-way traffic and will not require turn-outs.
4. Drainage from the roadway will be collected in borrow ditches and channeled into existing natural drainages.
5. See accompanying map for location and size of culverts. There will be no major cuts or fills.
6. Surface material will be native unless the well is productive in which case the road will be graveled with material obtained from a local supplier. The source is a gravel pit one mile North of Duchesne.
7. There will be no fence cuts, and no gates or cattle guards required.
8. Access road has been center-lined flagged.

3.) LOCATION OF EXISTING WELLS (See accompanying U.S.G.S. map)

1-Mile radius applicable

1. No water wells.
2. No abandoned wells.
3. No temporarily abandoned wells.
4. No disposal wells.
5. No drilling wells.
6. See map for producing wells.
7. No shut-in wells.
8. No injection wells.
9. No monitoring or observation wells for other resources.

4.) LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.

A. See accompanying U.S.G.S. map and rig layout plat.

1. Tank batteries will be built if productive.
2. Production facilities will include a heater-treater and tank batteries.
3. No oil gathering line off the location.
4. See U.S.G.S. map for location of gas gathering lines.
5. No injection lines.
6. No disposal lines.

B. See accompanying U.S.G.S. map.

1. A gas gathering line will follow the access road out from the location to existing gas gathering lines.
2. See location layout plat.
3. Construction methods and materials will be those usual to the area as supplied by local oil field service companies for facility construction. The location will be constructed by local earth moving contractors using conventional heavy equipment used in earth moving.
4. The reserve pit will be flagged and fenced for the protection of wildlife, waterfowl, and livestock.

C. That part of the facility not needed after construction is completed will be graded back to slope and re-seeded with 10 lbs/acre if drilled and 15 lbs/acre if broadcast with seed acceptable to the land owner.

NTL-6 Checklist

Ute Tribal 1-26B6

5.) LOCATION AND TYPE OF WATER SUPPLY.

- A. See accompanying U.S.G.S. map.
- B. The water will be hauled by local water hauling companies from the Duchesne River near Utahn along the roads described in Items 1 and 2.
- C. No water well will be drilled.

6.) SOURCES OF CONSTRUCTION MATERIALS.

- A. See accompanying U.S.G.S. map.
- B. No materials needed from Federal or Indian Land other than the location itself.
- C. If the well is productive gravel for surfacing of the access road will be obtained from the pit of a local supplier. (See Items 2 and 6)
- D. The proposed access road is on Ute Indian Tribal Land.

7.) METHODS FOR HANDLING WASTE DISPOSAL.

- 1. Cuttings will be disposed of in the reserve pit.
- 2. Drilling fluids will be disposed of in the reserve pit.
- 3. Produced fluids, oil and water, will be disposed of in the reserve pit.
- 4. Sewage: a chemical toilet will be located at the location and be serviced by the leasing company.
- 5. Garbage and other waste material will be stored in a fenced trash pit and hauled to a sanitary land fill during final clean-up operations.
- 6. The entire area will be cleaned up upon completion of the location.

8.) ANCILLARY FACILITIES

- A. None planned.

9.) WELL SITE LAYOUT

- 1. See accompanying layout plat.
- 2. See accompanying layout plat.
- 3. See accompanying layout plat.
- 4. Pits are to be unlined.

NTL-6 Checklist
Ute Tribal 1-26B6

10.) PLANS FOR RESTORATION OF THE SURFACE

1. That part of the location not needed after construction will be graded back to slope and covered with the stockpile topsoil and waste disposal will be as outline in Item 7.
2. See Item 4C
3. Prior to rig release the pits will be fenced and flagged and maintained as such until final clean-up.
4. Overhead flagging will be installed over the pit.
5. Completion of rehabilitation operations will be within 90 days of completion of drilling.

11.) OTHER INFORMATION

1. The location is located in the bottom of Canyon at the Eastern end of Blacktail Mountain. There are high and broken sandstone ledges to the North and South of the location with the canyon opening toward the East. The soil is composed of weathered sandstone. The vegetation in the area is cedar, juniper and some pinon with brush and grass. The animal life consists mostly of mule deer, rabbits, lizards and small rodents.
2. Ute Tribal Ownership.
3. The nearest water is the Duchesne River which is approximately 1.5 miles North. There are no dwellings in the area nor were any archeological, historical or cultural sites found.

12.) LESSE'S OR OPERATOR'S REPRESENTATIVE

NTL-6 Checklist
Ute Tribal 1-26B6

13.) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the condition which presently exists; that the statements made in this plat are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by _____

_____ and its contractors in conformity with this plan and the terms and conditions under which it is approved.

Dec 7, 1979
Date

Robert Chitt geologist
Name and Title

POLLUTION CONTROL PROGRAM

Each spill situation will require special handling. The first action will be to shut in all facilities contributing to the spill incident and to contain it as near as possible to the source. Such operations will be initiated immediately after discovery by shutting down the contributing facilities, reporting the spill, summoning help from field supervisors and starting the containment procedures. The exact order of the foregoing will depend on circumstances.

Continuing containment and clean up operations will be conducted under the direction of Utex supervisors in accordance with the needs and established handling of emergency situations.

Supervisors:

Don E. Baucum	Telephone: Office 801-738-5730
P.O. Box 539	Home 801-722-4979
Duchesne, Utah	
84021	

Robert C. Chattin	Telephone: Office 801-738-5730
	801-262-6869
	Home: 801-738-5787

Action to be taken by Production Foreman:

1. (a) Dispatch roustabout crew to area of spill.
 1. Crew to load necessary materials to combat pollution at designated location.
 2. Dispatch pumper to location to shut down well causing pollution to close shut off valves as necessary.
 3. Maintain radio contact with crew and pumper.
- (b) Dispatch contractors to area, designated to install pollution barriers.
 1. Contractor to load necessary materials to combat pollution.
 2. Contractor to load and haul equipment.
 3. Dispatch contractor with water-oil tank trucks to location.
2. Materials:

Additional materials such as culverts, woven wire, etc. to be secured from suppliers.
3. Pollution barrier to be erected for control of spill.

4. Assignment of company personnel:

(a) Production Foreman

1. Contact field foreman by radio telephone and advise location and extent of pollution and maintain radio contact throughout operation.
2. Contact head roustabout by radio or telephone and advise extent of pollution. Assign him responsibilities for control and containment of spill until relieved by foreman.
3. Contact various contractors and dispatch necessary equipment, labor and materials where necessary or deemed necessary.
4. Check on progress of movement of equipment and materials to site.
5. Help supervise installation of barriers and location of equipment.

(b) Head Roustabout:

1. Dispatch gang with equipment, labor and materials to location of spill.
2. Check on progress of movement of equipment and materials to site.
3. Help supervise installation of barrier and other work.
4. Maintain radio contact with area personnel (pumpers, production foreman, field foreman and area office).

(c) Field Foreman:

1. Advise District Office immediately of environmental incident in detail.
2. Maintain radio and/or telephone contact with all concerned.
3. Check on progress of movement of labor and materials to site.
4. Immediately advise all land owners involved of environmental incident.

4. Assignment of Contractors:

1. Dispatch contractor with roustabout labor, equipment and material to site of spill.
2. Dispatch contractor with dirt moving equipment to site of spill.
3. Dispatch contractor with water-oil tank trucks to site of spill.
4. Dispatch trucking contractor to site of spill.

Continue control measures as required or deemed necessary.

CONTRACTORS:

M & M Oilfield Service
Duchesne, Utah

Telephone 801-738-2046

Northwest Carriers
Duchesne, Utah

Telephone 801-738-2609

Skewes & Hamilton
Duchesne, Utah

Telephone 801-789-4031

Flint Engineering
Vernal, Utah

Telephone 801-789-0660

Respectively submitted,
Utex Oil Company

D.T. Hansen

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of ^{Indian Affairs} ~~Land Management~~, holder of oil and gas lease

~~DISTRICT LAND OFFICE:~~ Bureau of Indian Affairs, Uintah and Ouray Agency
SERIAL NO.: 14-20-H62-2530

and hereby designates

NAME: Utex Oil Company
ADDRESS: Suite 41B, South 900 East, Salt Lake City, UT 84117

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 2 South, Range 5 West, U.S.M.
All of Section 26
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

SHELL OIL COMPANY

Witnesses


(Signature of lessee)

Lance F. Harmon, Attorney-in-Fact

(Date)

(Address)

10 POINT WELL CONTROL PROGRAM

1. Surface Formation: Tertiary Uinta Formation
2. Estimated tops of geologic markers:

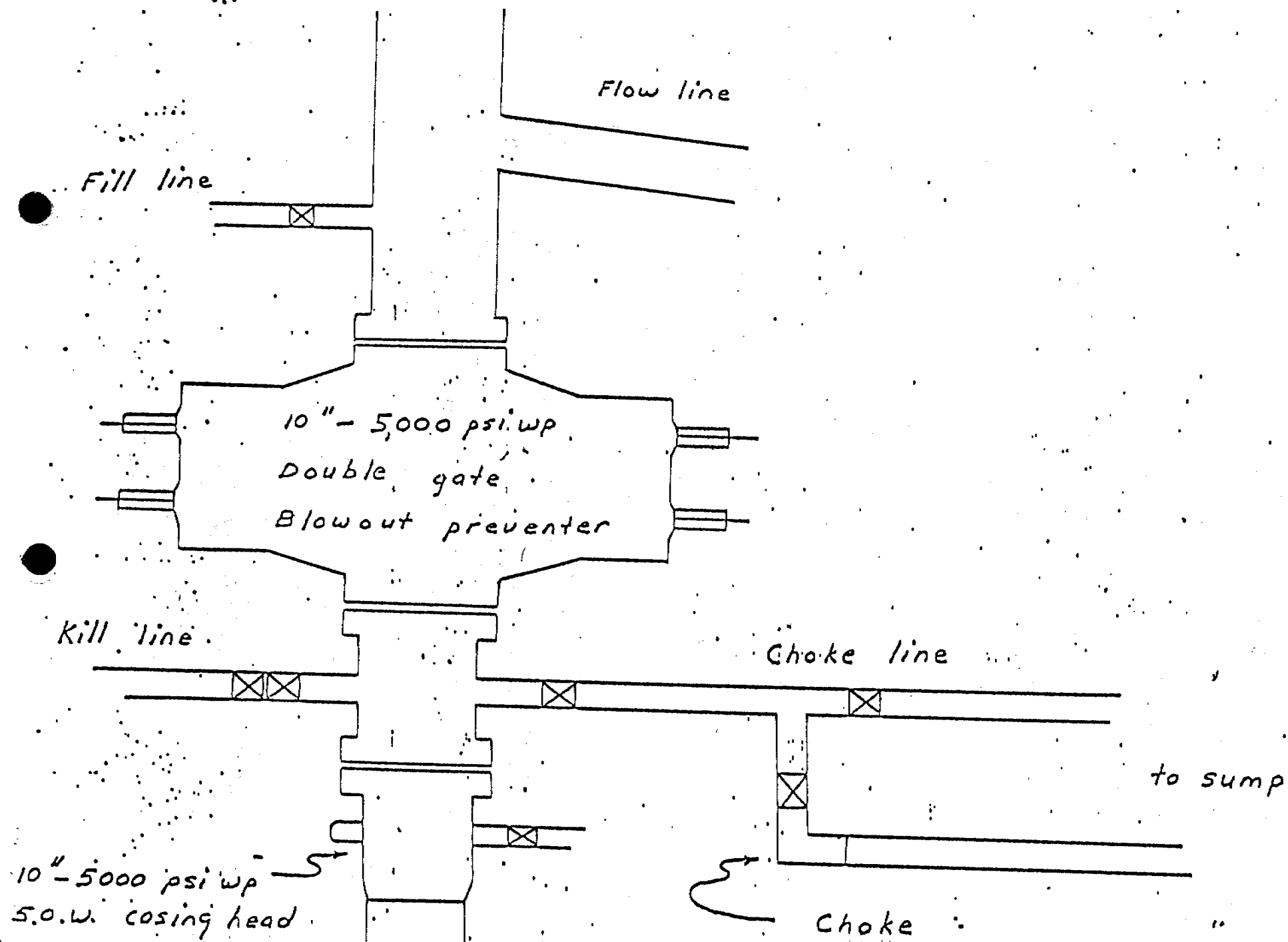
0-4,500	Uinta Formation
4,500-9,000	Green River Formation
9,000-TD	Wasatch Formation
3. Estimated depths to water, oil and gas or mineral bearing formations:

0-4,500	Uinta - Water Bearing
4,500-9,000	Green River - Oil, Gas and Water
9,000-TD	Wasatch - Oil and Gas
4. Casing Program:

<u>Size</u>	<u>Weight</u>	<u>Grade</u>
10 3/4"	40.5#	K-55
7 5/8"	29.7#	N-80
5 1/2"	17.0#	S-95
5. Pressure control equipment: See diagram
 Blowout preventer: A 10# Series 1500, 5,000 psi hydraulically operated double ram type preventer with pipe and blind rams. Also a Hydril type preventer will be used.
 Testing Procedure: Before drilling out casing, blowout preventers, casing head and casing will be pressure tested to 3,000 psi, and will be checked for proper operation each day.
6. Type and Characteristics of Proposed Circulating Medium:

0-6,000	Drill with brine water
6,000-TD	Fresh gel mud

 Approximately 600 barrels of circulating fluid and adequate weighting material will be maintained at the surface.
7. Auxillary Equipment:
 A kelly cock will be used, float on bit optional with contractor. A mud logging unit is planned from 6,000 to total depth, and a full opening valve will be maintained on the rig floor.
8. Testing and Coring:
 No cores or DST's are planned.
 DILw/SP, Gamma Ray & Compensated Neutron and Cyberlook.
9. Anticipated Hazards:
 No abnormal temperatures or pressures are anticipated. No hydrogen sulfide is present in this area.
10. Anticipated Starting Date:
 March 1, 1980, with duration of operations approximately 90 days.



Oil and Gas Drilling

EA #135-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Lease No.: 14-20-H62-2530

Operator: Utex Oil Company

Well No.: 1-26B6

Location: 2199' FNL & 519' FEL

Sec.: 26

T.: 2S

R.: 6W

County: Duchesne

State: Utah

Field: Cedar Rim

Status: Surface Ownership: Tribal

Minerals: Indian

Joint Field Inspection Date: January 28, 1980

Participants and Organizations:

Craig Hansen

USGS - Vernal, Utah

James Rhett

USGS - Vernal, Utah

Dale Hanburg

BIA - Ft. Duchesne

Robert Chattin

Utex Oil Company

Jack Skews

Dirt Contractor

Analysis Prepared by: Craig Hansen
Environmental Scientist
Vernal, Utah

Date: January 31, 1980

*Pad 200 x 350
Pit 160 x 175
8/10 mi x 30' new access
4/10 mi x 30' upgrade exit road
Pad free on pad
Flow line not incl
Stockpile disposal
5/2/10 a.c.
Mitigations Pg 4
3) a) - 2)*

Proposed Action:

On December 12 1979, Utex Oil Company filed an Application for Permit to Drill the No. 1-26B6 development well a 13,500 foot oil test of the Wasatch Formation, tertiary in age, located at an elevation of 6271 feet in the SE 1/4. NE 1/4, Section 26, T2S, R6W on Tribal mineral lands and Tribal surface, lease No.14-20-H62-2530. There was no objection to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BIA - Ft. Duchesne the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion, the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200 feet wide x 350 feet long and reserve a pit 160 feet x 175 feet. A new access road would be constructed 30 feet wide x .8 miles long and an existing road would be upgraded to 30 feet wide by 4.1 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is March 1, 1980 and duration of drilling activities would be about 90 days.

Location and Natural Setting:

The proposed drillsite is approximately 10 miles northwest of Duchesne, Utah, the nearest town. A poor road runs to within .8 miles of the location. This well is in the Cedar Rim field.

Topography:

The location is in the bottom of a steep east-west trending valley with dissected weathered sandstone and shale outcrops on the north and south of the location. A small wash exists on the south of the location.

Geology:

The surface geology is Duchesne River Formation, tertiary in age.

The soil is a weathered sandstone with sandstone outcrops on the location.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay soil with sandstone and shale outcrops.. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon-juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Indian Affairs.

Approximately 5.2 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 12" to 14" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 13".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains east by Sand Wash a non-perennial drainage to the Duchesne River approximately 6 miles east of the location.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this.

There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Juniper, pinon, mountain mahogney, Indian ricegrass, sagebrush and annuals exist on location.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 5.2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BIA. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Duchesne County, Utah.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects.

Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetation, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3). Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator. 

- a. Reserve pits will be elongated to reduce erosion of drainage to south of location.
- b. Archaeological clearance must be obtained, before construction begins, to meet requirements.
- c. Tank grades will be built on west of location to reduce cut on north of location.
- d. Topsoil will be placed on northwest corner to insure topsoil reserve.
- e. BIA Stipulations.(Attached).

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 5.2 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Duchesne River. The potential for pollution to the Sand Wash would exist through leaks and spills.

Finding of No Significant Impact:

"We have considered the proposed Utex 1-26B6 in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment."

Determination:

"I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C)."

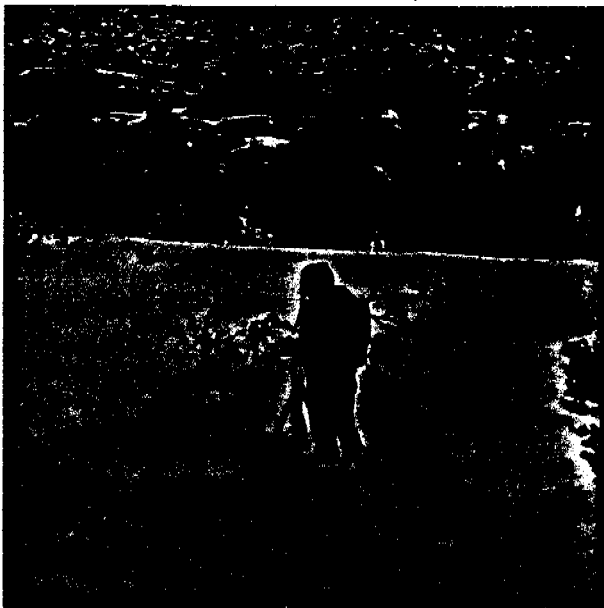
E. S. [Signature]

DISTRICT ENGINEER

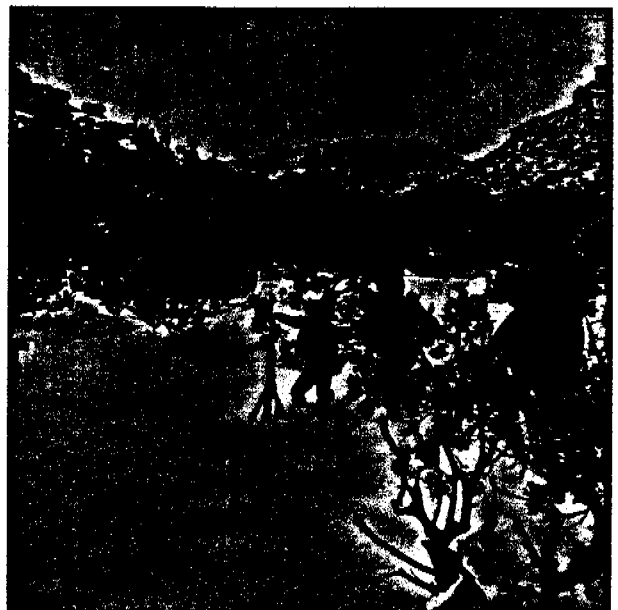
District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

MAR 17 1980

Date



UTEX OIL 1-26B6
Looking north



UTEX OIL 1-26-B6
Looking west

FROM: DISTRICT GEOLOGIST, M&G, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. Ute-14-20-H62-2530

OPERATOR: Utex Oil Company

WELL NO. Tribal 1-2686

LOCATION: 1/4 SE 1/4 NE 1/4 sec. 26, T. 2S, R. 6W, USM.

Duchesne County, Utah

Stratigraphy: Duchesne River - surface

Uinta Fm. 2000

Green River Fm. 4500

Wasatch Fm. 9000

Approximate
Tops

Fresh Water: Fresh/useable water has been recorded as deep as ~~the~~ the Green River Formation, although water wells in the area rarely exceed depths of 500 feet. Protect Duchesne River & Uinta

Leasable Minerals:

Valuable prospectively for oil shale in the Green River Fm.

Additional Logs Needed: Operator's program is adequate.

Potential Geologic Hazards: Circulation may be lost while drilling through leached intervals in the Green River Fm.

References and Remarks: U.S.G.S. files. SL, Utah

Signature: J. Paul Matheny

Date: 2 - 3 - 80

**** FILE NOTATIONS ****

DATE: Dec 10, 1979

Operator: Utley Oil Company

Well No: Ute Tribal 1-26B6

Location: Sec. 26 T. 25 R. 6W County: Duchesne

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☒ API Number 43-013-30519

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK 139-8 order in course Topographic Exception

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 139-8 9/20/72

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation And

Plotted on Map ☒

Approval Letter Written ☒

Utley

#3
hl
PI

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF
SECTION 26, T2S, R6W, U.S.B. 1/4 M.

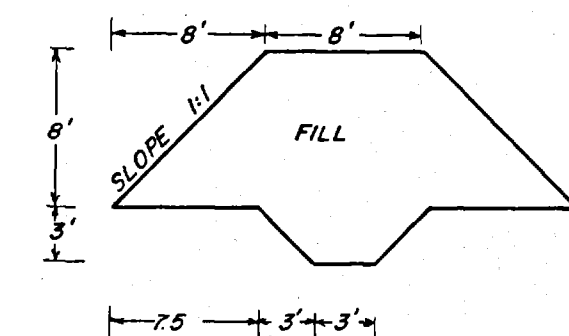
The diagram is a detailed site plan for a well pad. Key features include:

- Access Road:** Located at the top center, with an arrow pointing towards the well pad.
- Drainage:** An "EXISTING DRAINAGE" line runs along the top right, with a note "EXISTING DRAINAGE - RELOCATE TO HERE" and an arrow pointing to a dashed line.
- Well Pad Boundary:** A large rectangular area defined by coordinates C20, C8, C12, C6, F6, F8, F0, and F4.
- Structures:**
 - Boiler, Water Tank, Fuel:** Located near the top center.
 - GEN. & ACC. HOUSE:** Below the fuel tank.
 - Suction Tank:** Below the house.
 - Pumps:** Below the suction tank.
 - Shaker Tank:** To the right of the pumps.
 - Sub Structure:** Two vertical structures flanking the pumps.
 - Pipe Racks:** A large rectangular area at the bottom center.
 - Cat Walk:** A narrow vertical structure between the pipe racks and the shaker tank.
- Other Features:**
 - Fuel:** A small rectangular area on the left side of the well pad.
 - Rig Trailer:** A rectangular area on the left side, near the "TOP SOIL STOCKPILE".
 - Parking Area:** Located at the bottom left.
 - Excavation Material Stockpile:** A large irregular area at the bottom right.
 - Reserve Pit:** A rectangular area on the right side, labeled "8' DEEP".
 - Bottom Elev. 6261':** A point marked on the right side of the well pad.
- Dimensions and Coordinates:**
 - Coordinates: C20, C8, C12, C6, F6, F8, F0, F4.
 - Dimensions: 150', 175', 50', 90', 160', 45', 180'.
 - Stationing: STA. 0+00, STA. 1+75, STA. 3+50.
- Notes:**
 - "HOLE LOCATION C2 FROM GROUND ELEV. OF 6271' TO FINISHED LOCATION ELEV. OF 6269'": A note with an arrow pointing to a specific location within the well pad.
 - "TANK GRADE (14' HIGH) ELEV. 6283'": A note pointing to a rectangular area on the left.

OVERHEAD FLAGGING TO BE INSTALLED OVER
RESERVE PIT.

SOIL IS COMPOSED OF WEATHERED SANDSTONE

QUANTITIES DO NOT INCLUDE
DRAINAGE LOCATION.



JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

121 North Center Street
P.O. Drawer C
DUCHESSNE, UTAH 84021
(801) 738-5352

79-121-013 5 DEC '79

December 19, 1979

Utex Oil Company
4700 South 9th East, Suite 41B
Salt Lake City, UT 84117

Re: Well No. Ute Tribal #1-2486, Sec. 24, T. 2S, R. 6W., Duchesne County, Utah
Well No. Ute Tribal #1-2686, Sec. 26, T. 2S, R. 6W., Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells is hereby granted in accordance with the Order issued in Cuase No. 139-8 dated September 20, 1972. However, a drilling and plugging bond is required on the #1-2486 and must be filed with this Division prior to the spudding of this well.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. HINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are #1-2486 - 43-013-30518;
#1-2686 - 43-013-30519.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Hinder
Geological Engineer

/bcm

cc: USGS

Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

May 5, 1981

Utex Oil Company
Suite 41-B
4700 South 9th East
Salt Lake City, Utah 84117

Re: Return Application for
Permit to Drill
Well No. 1-26B6
Section 26, T. 2S., R. 6W.
Duchesne County, Utah
Lease No. 14-20-H62-2530

Gentlemen:

The Application for Permit to Drill the referenced well was approved April 24, 1980. Since that date no known activity has transpired at the approved location. Under current District policy, application's for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location on a future date a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must, then be submitted. Your cooperation in this matter is appreciated.

Sincerely,

(Orig. Sgd.) R. A. Henricks

E. W. Guynn
E. W. Guynn
District Oil and Gas Supervisor

bcc: DCM, O&G, CR, Denver
BIA
State Office (O&G)
State Office (BLM)
USGS-Vernal
Well File
APD Control

RAH/TM/tm